

## **APPENDIX B**

### **CLAIMS**

25. (Amended) A method of termite barrier installation for a building structure, comprising the act of:

during erection of the building structure on a slab of concrete at or near ground level, positioning a mesh sheet coextensively with at least a portion of the slab, the mesh sheet being formed of a material substantially resistant to termite secretions, the material having a hardness of not less than about Shore D70 for resistance to termite chewing, the mesh sheet having open pores permitting fluid flow therethrough, the open pores having a maximum opening dimension of less than 3.25 mm to thereby exclude entry of termites into the building structure through said portion of the slab.

29. (Amended) The method of termite barrier installation as claimed in claim 25 comprising casting the slab in-situ, and wherein the positioning of the mesh sheet comprises positioning the mesh sheet beneath the slab prior to pouring of concrete over the mesh sheet to cast the slab.

32. (Amended) The method of termite barrier installation as claimed in claim 25 wherein the positioning of the mesh sheet comprises embedding the mesh sheet in the slab.

62. (Amended) In combination with a building structure erected on a ground level or near ground level concrete slab, a termite barrier comprising:

an adjacent structure, built adjacent to but non-integrally with the building structure, the adjacent structure built of a termite resistant material;  
and  
a strip of termite barrier material formed of a flexible sheet made of a mesh material substantially resistant to termite secretions and having a hardness of not less than about Shore D70 for resistance to termite chewing, the strip having pores wherein each pore has a maximum opening dimension of less than 3.25 mm, said strip of termite barrier material having respective marginal edge portions along opposite longitudinal edges of the strip integrally secured to the slab and the adjacent structure to establish integrity of the connection between the slab and the adjacent structure against the passage of termites.

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64. (Amended) A method of termite barrier installation for a building structure, comprising the act of:

during erection of the building structure on a slab of concrete at or near ground level, positioning a sheet coextensively with at least a portion of the slab, the sheet being formed of a mesh material substantially resistant to termite secretions, the material having a hardness of not less than about Shore D70 for resistance to termite chewing, the sheet having open pores permitting fluid flow therethrough, to thereby exclude entry of termites into the building structure through said portion of the slab, the open pores having a maximum opening dimension less than 3.25 mm, wherein the positioning of the sheet comprises positioning the sheet beneath the slab.

68. (Amended) A method of termite barrier installation for a building structure, comprising the act of:

during erection of the building structure on a slab of concrete at or near ground level, positioning a sheet coextensively with at least a portion of the slab, the sheet being formed of a mesh material substantially resistant to termite secretions, the material having a hardness of not less than about Shore D70 for resistance to termite chewing, the sheet having open pores permitting fluid flow therethrough, to thereby exclude entry of termites into the building structure through said portion of the slab, the open pores having a maximum opening dimension of less than 3.25 mm, wherein the positioning of the sheet comprises positioning the sheet above the slab.

69. (Amended) A method of termite barrier installation for a building structure, comprising the act of:

during erection of the building structure on a slab of concrete at or near ground level, positioning a sheet coextensively with at least a portion of the slab, the sheet being formed of a mesh material substantially resistant to termite secretions, the material having a hardness of not less than about Shore D70 for resistance to termite chewing, the sheet having open pores permitting fluid flow therethrough, to thereby exclude entry of termites into the building structure through said portion of the slab, the open pores having a maximum opening dimension of less than 3.25 mm, wherein the building structure includes a termite resistant structure adjacent to and non-integral with the slab, and further comprising the act of: integrally securing an outer edge portion of the sheet to the termite resistant structure.

75. (Amended) A method of termite barrier installation for a building structure, comprising the acts of:

during erection of the building structure on a slab of concrete at or near ground level, positioning a sheet coextensively with at least a portion of the slab, the sheet being formed of a mesh material substantially resistant to termite secretions, the material having a hardness of not less than about Shore D70 for resistance to termite chewing, the sheet having open pores permitting fluid flow therethrough, the open pores having a maximum opening dimension of less than 3.25 mm,

forming at least a portion of the sheet into a termite barrier flange; and clamping the termite barrier flange in pressure engagement about a perimeter of a

member projecting through the slab, to thereby exclude entry of termites into

the building structure through said portion of the slab.

77. (Amended) A method of termite barrier installation in a building structure erected on a concrete slab at or near ground level and having an adjacent structure which is non-integral to the concrete slab and is termite resistant, the method comprising the acts of:

integrally securing a first marginal edge portion of a strip to a portion of the slab, the strip being formed of a mesh material substantially resistant to termite secretions, the material having a hardness of not less than about Shore D70 for resistance to termite chewing, the strip having open pores having a maximum opening dimension less than 3.25 mm, the strip having a second marginal edge portion opposite the first marginal edge portion; and

integrally securing the second marginal edge portion of the strip to the adjacent structure, to thereby provide integrity between the slab

and the adjacent structure against passage of termites and thereby exclude entry of termites into the building structure.

91. (Amended) A method of termite barrier installation for a building structure, comprising the act of:

during erection of the building structure on a foundation structure, covering at least a portion of the foundation structure with a termite barrier, the termite barrier being formed of a mesh material substantially resistant to termite secretions, the mesh material having a hardness of not less than about Shore D70 for resistance to termite chewing, the mesh material having pores wherein each pore has a linear dimension in all directions less than 3.25 mm, to thereby exclude entry of termites into the building structure through said foundation structure.

92. (Amended) A termite barrier flange for preventing passage of termites between a cast concrete slab and a member projecting through the slab, said termite barrier flange comprising a body formed from a mesh material, the mesh material having pores, wherein each pore has a maximum opening dimension of less than 3.25 mm, the body having an inner peripheral portion defining an opening adapted to receive the member and an outer peripheral portion adapted to be integrally secured to the slab.

98. (New) The combination of claim 62, wherein the mesh material is selected from the group consisting essentially of:

material formed of wire filaments;

sheet material having holes stamped or punched therein; and

film having holes stamped or punched therein.

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